Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	22	(MIMO or multiple adj input adj multiple adj output) and (train$4 or pilot or predetermin$4) with (different or various) near4 (channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/12 13:46
L3	27	(MIMO or multiple adj input adj multiple adj output) and (train$4 or pilot or predetermin$4) with (different or various or alternate) near4 (channel)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/12 13:47
S1	1	("5323322").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 18:33
S2	0	S1 and channel with estimate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 18:33
S3	0	S1 and channel with estimat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 18:33
S4	1	S1 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:01
S5	67851	select$4 with matrix	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:01
S6	46	select$4 with matrix with channel adj4 estimat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:01
S7	29	select$4 with matrix with channel adj4 estimat$4 and (multiple or plurality) with transmit$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:13
S14	29	(select$4 or choos$4 or chos$4) with (matrix) with (channel adj estimat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:37
S15	1	("6347234").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/11 19:37

| S16 | 1964 | (MIMO or multiple adj input adj multiple adj output) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/11/12 11:55 |
| S17 | 25 | (MIMO or multiple adj input adj multiple adj output) and (train$4 or pilot or predetermin$4) with signal with (different or various) with (channel) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/11/12 13:36 |